

VRANCEANU, G., acad.

On a class of homogeneous spaces A_n . Rev math pures 5 no.3/4:473-482 '60. (EEAI 10:5)

1. Comite de redaction, Revue de mathematiques pure et appliquees.
(Spaces, Generalized) (Vector analysis)
(Transformations (Mathematics)) (Groups, Theory of)

VRANCHANU, G. [Vranceanu, G.]

"Mathematics dictionary," edited by Glenn James and Robert C. James. Reviewed by G. Vranceanu. Rev math pures 6 no.4:796-797 '61.

1. Membre de l'Académie de la République Populaire Roumaine si
Membre du Comité de rédaction, "Revue de mathématiques pures
et appliquées."

VRANCEANU, G.G.

"Numerical methods of curve fitting" by P.G. Guest. Reviewed by G.G. Vranceanu. Rev math pures 7 no.3:555-556 '62.

VRANCEANU, G. G.

On the motion group of a third species correspondence
between projective planes whose characteristics are not
parallel to a fixed direction. Rev math pures 7 no. 4:
675-682 '62.

VRANCEANU, G.

Metrifcation of affinely connected spaces. Rev math pures 8
no.1:77-81 '63.

VRANCEANU, G., acad.

Topologic properties of Riemannian spaces with affine constant connection. Studii cerc mat 14 no.1:7-22 '63.

VRANCEANU, G., acad.

Diophantine vectors and tensors. Studii cerc mat 14 no.3:323-
331 '63.

VRANCEANU, Gh., acad.

Discrete groups of affine space. Studii cerc mat 14 no.4:513-518
'63.

VRANCEANU, G.; POPOVICI, A. [deceased]

Bases of the general theory of relativity. Pt. 2. Studii cerc
mat 15 no. 5:547-593 '64.

VRANCEANU, G. (Bucuresti)

On the Betti numbers. Bull math Rum 6 no.3/4:261-267 '62 [publ. '64].

1. Submitted January 3, 1964.

VRANCEANU, G.

On some theorems of global differential geometry. Rev Math Roum
10 no.2:111-124 '65.

1. Institute of Mathematics of the Rumanian Academy, Bucharest.
Submitted July 30, 1964.

VRANCEANU, G.

Discrete groups in Euclidean space. Studii cerc mat 17 no.1:
119-129 '65.

1. Institute of Mathematics of the Rumanian Academy, 47 M.
Eminescu St., Bucharest. Submitted September 14, 1964.

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Bases of the general theory of relativity. Pt. 1. Studii
cerc mat 15 no. 3:285-323 '64.

VRANCEANU, G.G.

Geometric interpretation in the theory of Markov processes.
Studii cerc mat 15 no. 1:15-43 '64.

VRANCEANU, Gh., acad.

"Arithmology" by N. Miclescu. Reviewed by Gh. Vranceanu.
Studii cerc mat 15 no. 1:137 '64.

"Manuscripts" by Janos Bolyai. Reviewed by Gh. Vranceanu.
Ibid.:137-138

BALANESCU, I.N.; MOSCU, I.; GHEORGHIU, V.; MINZAT, I.; VRANCEANU, M.

Studies on the motor reaction to the action of words during
sleep. Rev psihologie 10 no.1:23-39 '64

VRANCHAN, E.E., kand.veterinarnykh nauk; LEVENBERG, I.G., kand.veterinarnykh nauk

Conference on problems of veterinary sanitation. Veterinariia
37 no.10:90-91 0 '60. (MIRA 15:4)
(Veterinary hygiene--Congresses)

VRANCHAN, Z. E. Scientific Research Veterinarno-Sanitary Lab., City Vet. Dept., Moscow,
City Executive Committee

"Disinfection of goat hair with steam in the Krupin's system chamber."

Veterinariya, No. 4, 1949 pp 35-36 TAB CON
Trans. No. 121 by L. Lulich

1949 Letopis' Zhurnal'nykh Statey No. 16, item 11718 (without organization)

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VRANCHAN, Z. E. Scientific co-worker.

"A Study of Bactericidic and Disinfecting Properties of 'Carboline'."

Veterinariya, No. 8, 1949 p 50 TAB COM

1949 Letopis' Zhurnal'nykh Statey, item 25895 (without "Sci. co-worker")

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VRANCHAN, Z. E. — Scientific Research Veterinary Sanitation Laboratory of the
Municipal Veterinary Section of the Moscow Executive Committee

"Studying the Effect of a Benzene Hexachloride Preparation /in Ectoparasite
Control"

from "Hexachlorance and DDT" by A. A. Zhikarev
Veterinariya, No 7, July 1950, pp 42-45

VRANCHAN, Z. E.

Z. E. VRANCHAN, author of "Utilization of Quicklime for Disinfection,"
Veterinariya (Veterinary Medicine) Vol. 28, No. 11, November 1951, page 47.
(from: NEW BOOKS ON VETERINARY MEDICINE Veterinariya, No. 11, pp. 63, 64, Nov. 1951,
Moscow, Russian no per.)

SO: Report U-4502; 28 August 1953.

L 31304-66 EWT(1)/T JK

ACC NR: AP6022588

(A,N)

SOURCE CODE: UR/0346/66/000/001/0092/0094

AUTHOR: Yarnykh, V. S. (Candidate of veterinary sciences); Akopyan, Ye. Sh. (Candidate of veterinary sciences); Vranchan, Z. E. (Candidate of veterinary sciences); Ivanova, V. I. (Candidate of veterinary sciences)

ORG: All-Union Scientific Research Institute of Veterinary Sanitation (Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii)

TITLE: Method of disinfecting milk on farms contaminated with foot-and-mouth disease, tuberculosis, brucellosis, and paratyphoid fever

SOURCE: Veterinariya, no. 1, 1966, 92-94

TOPIC TAGS: foot and mouth disease, tuberculosis, brucellosis, bacteria, virus, food sanitation

ABSTRACT: In view of the shortage of reliable pasteurizers on farms, a mobile unit is suggested for farms contaminated with various cattle diseases. A 300-liter VDP-300 vat for prolonged milk pasteurization is mounted on a GAZ-704 trailer. Tests with various bacteria and viruses showed the method effective if a temperature of 80° C is maintained for 30 minutes. The method can be used in farm conditions, even in pastures. Detailed instructions are given for using the method under various local conditions. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 CC

UDC: 619:637.133.3

0915

06 05

SKOMOROKHOV, A.L.; TALANOV, G.A., starshiy nauchnyy sotrudnik; VRANCHAN, Z.E.,
starshiy nauchnyy sotrudnik; TRAKHANOV, D.F., starshiy nauchnyy sotrudnik;
NETYLKIN, I., inzh.

Reviews and bibliography. Veterinariia 41 no.12:96-100 D '64.
(MIRA 18:9)

1. "yazanskiy sel'skokhozyaystvennyy institut (for Skomorokhov).

VRANCHAN, Z.E., kand.veterinarnykh nauk; RYABOVA, G.S., kand.veterinarnykh nauk; ZHAROV, G.V., kand.veterinarnykh nauk

For high-quality milk. Veterinariia 40 no.7:7-8 J1 '63.
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Dairying--Hygienic aspects)

ANDREYEV, K.P.; VRANCHAN, Z.E.

Ecology of *Musca domestica* L. on livestock farms. Med.paraz.
i paraz.bol. 30 no.1:64-66 Ja '61. (MIRA 14:3)

- 1. Iz laboratorii entomologii i dezinseksii Vsesoyuznogo nauchno-
issledovatel'skogo instituta veterinarnoy sanitarii (dir. insti-
tuta - prof. A.A. Polyakov, zav. laboratorii - prof. K.P.
Andreyev).

(FLIES)

VRANCHAN, Z.E., nauchnyy sotrudnik

Disinfection of buildings in cases of tuberculosis. Trudy
VNIIVSE 12:166-177 '57. (MIRA 11:12)

1. Laboratoriya dezinfektsii Vsesoyuznogo nauchno-issledovatel'skogo instituta veterinarnoy sanitarii i ektoparazitologii.
(TUBERCULOSIS) (DISINFECTION AND DISINFECTANTS)

^N
VRAICHAN, Z. Ye. Cand Vet Sci -- (diss) "~~The~~ Disinfection of
Animal-Husbandry ^{premises} ~~Accommodations~~ ^{during} ~~With Respect to~~ Tuberculosis."
Mos, 1957. 17 pp 20 cm. (All-Union Inst of Experimental
Veterinary Medicine VASKhNIL), 150 copies (KL, 27-57, 109)

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VRANCHAN, Z.Ye.

Developing a method for disinfecting down and feathers in cases
of fowl plague. Trudy VNIIVSE 11:376-386 '57. (MIRA 11:12)
(Feathers-Disinfection) (Poultry--Diseases)

VRANCHAN, Z.E.

Use of DDT and benzene hexachloride aerosols for exterminating
flies in stock barns. Veterinariia 35 no.8:78-80 Ag '58.
(MIRA 11:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii i ektoparazitologii.

(Flies--Extermination)

BULGARIA

VRANCHEVA, D.; Scientific Research Oncology Institute (Director
Prof. N. Anchev)

"The Relative Biological Action of High-Energy Rays in Comparison
with 200 kv X-Rays"

Sofia, Rentgenologiya i Radiologiya. Vol 5, No 3, 1966, pp 172-
179

Abstract: Pigs 4 mos old were irradiated with 200 kv X-rays,
 γ - rays from a 1000 c⁶⁰ Co source, and 17.3 mev electrons. The
doses used for each type of radiation were identical, i.e., 1300,
1800, and 2200 rad. The biological effectiveness of the radiation
was determined on the basis of the cutaneous reaction according
to F. Wachsmann, Strahlenth. 76, 260, 1947. The results indicated
that the action of high-energy radiation was weaker than that of
the X-rays. With increasing doses of radiation, the difference
in biological action due to the relative energy of the radiation
increased. (Graphs, 28 references (1 Bulgarian, 1 USSR, 26
Western). Manuscript received Mar 65.

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DENCHEV, V.; VRANCHEVA, S.

Effect of ionizing irradiations on immunity. Pt. 4. Trudy epidemiol
mikrobiol 8:97-103 '61 [publ.'62].

VRANCHEVA, S.; DENCHEV, V.; YOMTOV, M. [Iontov, M.]

Experimental active immunization by the perfringens-cedematiens-
tetanus trianatoxin. Trudy epidemiol mikrobiol 8:91-96 '61
[publ.'62].

TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; BETLHEIM, S.; BLAZEVIC, D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPIJA, I.; ANTONIAZZO, Z.; CULIC, R.; GALINOVIC, WEIEGLASS, M.; ~~RENOV, Z.~~ MRAVUNAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVCIC, B.; EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.; ~~DERVISEVIC, I.~~ GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN, E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.; KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KELER-BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Reveiw of periodicals; medicine. Bul sc Youg 9 no.4/5:145-147
Ag-0 '64.

VRANCIC, Jirina; MIMICA, Milorad

Finding of *Endamoeba histolytica* in chronic chorioretinitis. Radovi
med.fak., Zagreb 7 no.2:149-153 '59.

(AMEBIASIS diag)

(CHOROID dis)

(RETINITIS diag)

FILAJDIC, Mirko, dr., ing.; GRUNER, Matilda, ing.; VRANCIC, Katarina

Statistical interpretation of the results of microbiological tests
in determination of vitamins in foodstuffs. Kem ind 10 no.10:311-324
0 '61.

1. Zavod za poznavanje i analizu zivotnih namirnica, Tehnoloski
fakultet [Univerziteta] Zagreb. 2. Clan Redakcionog odbora, "Kemija
u industriji" (for Filajdic)

(Microbiology)
(Vitamins)

VANDOLIC, V.

Proposal for the introduction of financial equivalents for coal, p. 33.
(ZMLAZNIK, Vol. 10, no. 10, Oct. 1954. Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, (ZML), LG, Vol. 4, No. 4,
Apr 1955, Uncl.

VRANEK, Jiri

Technical and economic evaluation of ceiling panels from wire reinforced concrete. Stav vyzkum no.3:5-7 Je '62.

1. Vyzkumny ustav stavebni vyroby, Praha.

VRANEK, VI.

~~Be understandable.~~ Ropa a uhlie 5 no.10:317 0 '63.

KASNAR, S.; MASEK, S.; SABLJICA, B.; VRANESIC, B.

Problems related to hospital therapy of tuberculosis in adolescents. Tuberkuloza 15 no.1:29-32 Ja-Mr '63.

1. Bolnica za tuberkulozu pluca djece i omladine, Zagreb -
Ravnatelj: primarius dr S. Kasnar.
(TUBERCULOSIS) (THERAPEUTICS)

S

VRANESIC, Blazenka

SABLJICA, Bogdan, dr.; VRANESIC, Blazenka, dr.

Intravenous administration of PAS. Tuberkuloza, Beogr. 8 no.6:
380-384 Nov-Dec '56.

1. Bolnica za tuberkulozu pluća Zelengaj u Zagrebu (ravnatelj:
prim. dr Stjepan Kasnar)

(PARA-AMINOSALICYLIC ACID, admin.

Intravenous, indic. (Ser))

VRANESEVIC, LJ.

The production of cultivated mushrooms (Psalliota campestris) in Novi Sad. p. 187.

CROATICA CHEMICA ACTA (Hrvatsko kemijsko društvo, Sveučilište u Zagrebu i Hrvatsko prirodoslovno društvo) Zagreb, Yugoslavia, Vol. 7, no. 14, 1958

Monthly list of East European Accessions (SEAI) LC, Vol. 8, no. 6, Aug. 1959

Uncl.

VRANESEVIC, Ljubica

Novi Sad. Geogr hor 7 no.4:1-13 '61.

MARKUSIC, Tomislava, dipl. inz. kemije; VRANESEVIC, Marija

A rapid method of determining CaO in iron ores. Kem
ind 13 no. 2: 79-81 F '64.

A rapid method of determining SiO₂ in iron ores. Ibid.:82-84.

1. Institute of Metallurgy, Sisak.

FUJIC,Z.; VRANESIC,M.; KIERSZ,J., dr. prof.; PERIC,B.; JADRIC,S.

Influence of electrolytes and proteins on the absorption spectrum of the Evans Blue (T-1824), and accuracy of the evaluation of plasma volume. Glasnik hemicara BiH 11:71-77 '62.

1. Institute of Biochemistry and Physiology, Medical Faculty, University of Sarajevo.
2. Medicinski fakultet u Poznani (Poljska) (for Kiersz).

VRANESIC, Z.; KRIZEK, V.; KLAUS, E.

Neurological findings in alkaptonuria and ochronosis. Cesk. neurol.
25 no.3:192-198 My '62.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii v Mar.
Laznich, prednosta prof. MUDr. K. Prerovsky Neurologicka klinika PU
v Olomouci, prednosta clen korespondent CSAV prof. MUDr. J. Hrbek
Neurologicke oddeleni Cs. statnich lazni v Marianskych Laznich, pred-
nosta MUDr. Zd. Vranesic.

(ALKAPTONURIA physiol)
(NEUROLOGICAL MANIFESTATIONS)

VRANESIC, Zd.; BRAVENEC, Ant.

Our experience with the use of injections of gas from springs in the treatment of patients with nervous diseases. Cesk. neurol. 25 no.1: 60-69 Ja '62.

1. Neurologické rehabilitační odd. St. lázní Mar. Lázně.

(NEUROLOGY therapy) (GASES)

VRANSIC, Zd., Dr.

Complications of intervertebral disk surgery and their treatment.
Cesk. neur. 20 no.3:207-213 May 57.

1. Neurologické oddelení laz. ústavu rehabilitačního, Mariánské
Lázně.

(INTERVERTEBRAL DISKS, surg.
postop. compl., ther. (Cz))

VRANESIC, Z. Z.

36

neurolog. Klin., Plzeň. Vyznam discopathii pro vznik oparu pasoveho Importance of affections of the discs in the pathogenesis of herpes zoster Ces. Lek. tes. 1951, 90/10 (299-302) X-rays changes in the spine were studied in patients with herpes zoster. In a series of 15 cases definite radiological changes were found in 12, consisting of a degeneration of intervertebral discs at the level and on the side of the herpes zoster. In 2 cases the degeneration was only suspected. One case was without any radiological changes, nevertheless the discopathia was found at autopsy. The fixation of the virus may be explained by the diminution of the local tissue resistance. These changes are probably mediated by the autonomic system, the ganglia of which are altered by the products of degeneration arising in the altered tissue. Henner - Prague

SO: EXCERPTA MEDICA, Vol. 5, No. 1, Sec. VIII, Jan. 1952

ALIMOV, V., nauchnyy sotrudnik; VRANGEL', L., nauchnyy sotrudnik;
LEVINA, G., nauchnyy sotrudnik

An integrated series of plans for farm buildings and structures.
Na stroi. Ros. no.5:7-9 My '61. (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut zhilishcha Akademii
stroitel'stva i arkhitektury SSSR.
(Farm buildings—Designs and plans)

PRIMO, B., inzh.; VRANGOV, I., inzh.

New oil-poor VK-type circuit-breaker for 110 kv. Elektroenergiia
15 no.4:19-22 Ap '64.

KIERSZ, Jan; VRANIC, Jovo

Effect of Salyrgan, hydrochlorothiazide and aminophylline on the course of diuresis induced by the infusion of 1 o/o NaCl solution. Acta physiol. pol. 14 no.6:623-634 N-D'63

1. Z Instytutu Fizjologii i Biochemii Wydz.Lek. Uniwersytetu w Sarajewie(kierownik: prof.dr. A.Sobovljević) i z Zakładu Fizjologii AM w Poznaniu (kierownik: doc.dr.J.Kiersz).

*

YUGOSLAVIA

VRANIC, Dr Mladen, Faculty of Medicine (Medicinski Fakultet), Zagreb.

"The Possibilities of Modifying the Function and Genesis of Insulin in Animals with Normal and Atrophied Exocrine Pancreas."

Zagreb, Liječnicki Vjesnik, Vol 85, No 8, 1963, pp 889-891.

Abstract: The author discusses the stimulative effect of cortisole on the Langerhans islands in normal guinea pigs and the possibility of hyperplasia in guinea pigs with atrophied exocrine pancreas for purposes of determining from which elements of the exocrine pancreas new insular tissue may develop. A historical introduction reviews present-day knowledge of the function of the insular apparatus and the relations between the glucocorticoids and the insular system. The author's experiments showed that cortisole can powerfully stimulate the insular system of the pancreas with only slight hyperglycemia in guinea pigs with normal exocrine pancreas, but that cortisole in guinea pigs with atrophied exocrine pancreas causes only a mild hyperglucemic reaction without any change in glucose tolerance.

Reference to an unclassified bibliography of 240 entries.

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VRANIC, Vladimir

"Electronic arithmetic counters" by [dr] France Kriz 2.
Reviewed by Vladimir Vranic. Glas mat fiz Hrv 18 no.4:305-
306 '63.

BOZICEVIC, Juraj, inz.; VRANIC, Vladimir, prof. dr.

Computers; theory and practice. Elektrotehnicar 16 no.1/2:4 '63.

1. Zavod za regulaciju i signalnu tehniku, Elektrotehnicki fakultet, Zagreb (for Bozicevic). 2. Direktor Centra za numericka istrazivanja Jugoslavenske akademije znanosti i umjetnosti (for Vranic).

SYSHCHENKO, T.Ye.; FIRAGO, B.A.; SHCHEGOLEV, D.Ye.; NEVEL'SKIY, A.V.,
mladshiy nauchnyy sotrudnik; KIRICHENKO, A.G., vychislitel';
BRATIYCHUK, M.V.; MAKSYUTOV, mladshiy nauchnyy sotrudnik;
KALIKHEVICH, F.F., mladshiy nauchnyy sotrudnik; IVAKINA, T.Ya.,
laborant; KLEPESHTA, I.; RAYKHL, R.; VRATNIK, A.

Results of photographic observations of artificial earth
satellites. Biul.sta.opt.nabl.isk.sput Zem. no.4:17-23 '60.
(MIRA 13:11)

1. Glavnaya (Pulkovskaya) astronomicheskaya observatoriya AN SSSR
(for Syshchenko, Firago, Shchegolev). 2. Astrosvet AN SSSR (for
Nevel'skiy). 3. Nachal'nik stantsii opticheskikh nablyudeni
iskusstvennykh sputnikov Zemli, Uzhgorod (for Bratiychuk).
 4. Stantsiya opticheskikh nablyudeni iskusstvennogo sputnika
Zemli, Uzhgorod (for Kirichenko). 5. Astronomicheskaya observatoriya
im.Engel'gardta, Kazan' (for Maksyutov). 6. Nikolayevskoye
otdeleniye Glavnoy astronomicheskoy observatoriya v Prage,
Chekhoslovakiya (for Klepeshta, Raykhl, Vratnik).
- (Artificial satellites--Tracking)

MD The influence of castration on the constituents of rat liver. N. Allegretti, L. Rabadjija, M. Vranic, and M. Milić (Univ. Zagreb, Yugoslavia). *Arhiv Kem.* 26, 167-71 (1954) (in English).—Castration caused in male rats a decrease in liver wt., fat, and protein content and an increase in liver glycogen. No changes were observed in castrated females. These results indicate that functioning of the endocrine glands is important for testes and stimulated by

N. Plavšić

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VRANIC, Milica V.

The Zvornik Lake and its environment. Geogr pregl no.5:29-54 '62.

VRANIC, Vladimir

"Mathematical methods for economic analyses" by Ljubomir
Martic. Pt.1. Reviewed by Vladimir Vranic. Glas mat fiz
Hrv 18 no.1/2:127-128 '63.

VRANIC, V.

Portrait of the contemporary mathematician.

p. 71 (Glasnik Matematicko-Fizicki I Astronomski. Periodicum Mathematico-Physicum
Et Astronomicum. Vol. 11, no. 1, 1956. Zagreb, Yugoslavia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

VRANIC, V.

Yugoslavia (430)

Science

On the application of duality to the consideration
of correlations in statistics. p. 166. GLASNIK
MATEMATICKO-FIZICKI I ASTRONOMSKI, Vol. 5, no. 4,
1950.

East European Accessions List, Library of Congress,
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

VRANIC, V.

Yugoslavia (430)

Science

Some mathematical signs in teaching. p. 121.
GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI,
Vol. 5, no. 2-3, 1950.

East European Accessions List, Library of Congress,
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

lower levels of the hierarchy, and the use of a small number of people to do a large number of tasks. This is a key feature of the system, and it is what makes it so effective. The system is designed to be flexible, and it can be adapted to a wide range of tasks. It is a very powerful tool, and it is what makes it so valuable.

VRANIC, Vladimir

Organization of the Center for Numerical Research. Ljetopis
JAZU 63:332-339 '56 (publ. '59).

Vranjican, D.

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Production of tetrahydropyran from furfural. I. Brčić,
P. Eucic, and D. Vranjican (Inst. Ind. Istropolitana, Zag-
reb). *Kemijska industrija* (Zagreb) 4, 101-2 (1955). Tetra-
hydropyran, obtained catalytically from furfural, was con-
verted into dihydropyran in the gas phase at 350° over a
white modification of bauxite from Rovinj contg. chiefly
gibbsite. The conversion and yield were 67 and 82%, resp.
N. Plavšić

PM

ILIC, Ljubisa; MILUTINOVIC, Radomir; VRANJSEVIC, Gordana.

Diagnostic and prognostic value of serum cholesterol in patients with pulmonary tuberculosis. Srpski arh. celok. lek. 93 no.3: 241-249 Mr ' 65.

1. Bolnica za grudobolne na Bosanjskog Kosi u Zemunu, Beograd (Upravnik: prim. dr. Ljubisa Ilic).

VRANJICAN, D.

Distr: 4E3d

✓ Hydrogenation of aromatic hydrocarbons in petroleum products. I. Hydrogenation of higher petroleum fractions for structural-group analysis. Dallmil Vranjican, Boris Prohaska, and Zlatko Tartary (Univ. Zagreb), *Nafte* (Yugoslavia) 9, 33-8 (1968).—Hydrogenation of a refined lubricating-oil fraction for structural-group analysis by the direct method (van Nes and van Werten, *Aspects of the Constitution of Mineral Oils*, Amsterdam, 1951, 508 pp. (C.A. 45, 4437e)) with Raney Ni as catalyst required a catalyst for preliminary conversion of the higher fractions. A Mo oxide catalyst was satisfactory for this purpose. Conversion of the lower fractions in the 2nd hydrogenation step with 5% Raney Ni at 140-225° was complete in 3 hrs. II. Hydrogenation of aromatic concentrates. Dallmil Vranjican, Stanko Jurjasević, and Boris Prohaska. *Ibid.* 95-8.—Analytical hydrogenation of a catalytically cracked residue, Edeleanu ext., fuel oil, and a highly aromatic stock for producer gas plants was not quant. with either Raney Ni or a Mo oxide catalyst alone because of the rapid loss of activity of the former and the long reaction time (14 hrs.) required by the latter. N. Plavčić

6
2 May
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V RANJICAN, D.

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Industrial Organic Synthesis

I-1

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2160

Author : Brihta, I., Luetic, P., Vranjican, D.

Inst : -

Title : Some Observations in Connection with the Preparation of
Tetrahydropyran from Furfurol.

Orig Pub : Kemiya u industriji, 1955, 4, No 6, 101-102

Abstract : Tetrahydropyran (I) was obtained from furfural, over furfuryl alcohol (II), tetrahydrofurfuryl alcohol (III) and dihydropyran (IV). Hydrogenation of furfural in the liquid phase took place in two stages: first at 150-175° and 100 atmospheres, II was obtained, then at 150° and 100 atmospheres, over a Ni-catalyst, III was formed. Conversion of III to IV took place in the liquid phase at 350°, with white bauxite from Rovin'ye serving as the catalyst. The IV thus obtained had a BP 86°, d_{20}^{20} 0.920,

Card 1/2

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application. Industrial Organic Synthesis

I-1

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2160

n_D^{20} 1.4410. Degree of conversion of III reached 70% and with complete purification of III from II, by repeated hydrogenation, the catalyst retained its activity for 60 days. Hydrogenation of IV of I took place in the liquid phase, at 50-70° and 50 atmospheres, over a Ni-catalyst, the yield of I was about 100%, BP 87-88°, d_4^{20} 0.882, n_D^{20} 1.420.

Card 2/2

²⁷
Effect of promoters on copper catalysts in hydrogenation.

7
Ivan Brihta, Dalimil Vranjican, Mariljan Merzel, and
Drago Vlahić (Inst. Ind. Istraživanja, Zagreb, Yugoslavia).
Kem. i ind. (Zagreb) 8, 112-14 (1957). —Cr₂O₃, MnO, FeO,
MgO, and kieselguhr were found to be equally effective
promoters for a CuO catalyst in the hydrogenation of acetone
at 130 atm. and 160°, contrary to ZnO which was much less
effective. Raney Cu proved to be far less active than CuO
promoted appropriately. CuO was a better catalyst when
pptd. with Na₂CO₃ than with NH₄OH. N. Flavić

YUGOSLAVIA / Chemical Technology, Chemical Products and Their Application. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants. H-23

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16960

Author : Vranjican, D.; Prohaska, B.; Tartaro, Z.

Inst : Not given

Title : Hydrogenation of Aromatics Present in Petroleum Products.
Hydrogenation of High Boiling Petroleum Fractions for
the Performance of Structural-Group Analyses

Orig Pub : Nafta, (Jugosl.), 1958, 9, No 2, 33-38

Abstract : In analyzing mineral oils derived from Yugoslavian
crudes, the samples were hydrogenated (H) in an auto-
clave. The feasibility of employing molybdenum oxide
catalyst supported on activated charcoal for the initial
H and of Ni catalyst for hydrogenation of the higher boil-
ing fractions has been demonstrated. The latter catalyst

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YUGOSLAVIA / Chemical Technology, Chemical Products and Their
Application. Chemical Processing of Natural Gases
and Petroleum. Motor and Rocket Fuels. Lubricants.

H-23

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16960

is also applicable to low boiling fractions when their
S content is low. Duration of H is approx. 3 hours.
At the end of this time catalysts loses its activity.
Temperature of H must be $\leq 230^{\circ}$. The structural analysis
was conducted by a method based on molecular weight
measurements and on the elementary composition of a
sample before and after H. This method permits a direct
determination of the percent aromatics, and average
number of aromatic rings in a molecule. -- Ya. Satunovskiy

Card 2/2

H-83

VRANJICAN, D.

BRIHTA, I.; VRANJICAN, D.; FENDE, B. "Contribution to the knowledge of copper hydrogenation catalysts."

Arhiv Za Kemiju, Zagreb, Vol 25, No 3, Dec 1953, p. 121

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

VRANICAN, D.

British Abstracts

B. II July 1953

Organic
Chemicals

Hydrogenation of fatty acids to alcohols, I. Brihta and D. Vranican (Kemija u. Ind., Zagreb, 1953, 1, 7-8).—The following items are discussed: thermodynamical relations; a review of recent investigations and patents; commercial hydrogenation; uses of higher fatty alcohols; prices of these alcohols and their raw materials; and possibilities of their production in Jugoslavia. O. POTTER.

6-15-54
28

VRANIJCAN, D.

British Abstracts

B. II. July 1953.

ORGANIC CHEMICALS;
GENERAL

Hydrogenation of fatty acids to alcohols. ¹L. Brihta and ²D. Vranjican *Kemikalna Industrija*, 1953, **1**, 7-8. The following items are discussed: thermodynamical relations; a review of recent investigations and patent; commercial hydrogenation; uses of higher fatty alcohols; prices of these alcohols and their raw materials, and possibilities of their production in Yugoslavia. O. Porcic.

~~VRANIK, Emil, inz.~~

High school education for employed people. Prum potravin 13
no.6:312-314 Je '62.

1. Stredni prumyslova skola mlekarenska, Kromeriz.

FOSTIKOV, Boris; DEGANIC, Julijana; VRANJESEVIC, Gordana

Complications in the treatment of pulmonary tuberculosis with
pyrazinamide. Srpski arh. celok. lek. 91 no.12:1157-1164, D '63.

1. Bolnica za grudobolne, Bezanijska Kosa - Zemun (Upravnik: prim.
dr. Ljubisa Ilic).

KOVACEVIC, Milan; SIMIC, Branislav; VRANJASEVIC, Gordana

Rectal administration of PAS and its consecutive elimination. Srpski
arh. celok. lek. 90 no.1:47-55 Ja '62.

1. Gradska bolnica za grudobolne na Bezaniskoj Kosi, Beograd-Zemun
Upravnik: prim. dr Ljubisa Ilic.

(PARAAMINOSALICYLIC ACID metab)
(SUPPOSITORIES)

5

FOSTIKOV, Boris; DRAGANIC, Julijana; VRANJESEVIC, Gordana

Complications in the treatment of pulmonary tuberculosis with
pyrizamide. Tuberkuloza 15 no.2:263-265 Ap-Je '63.

1. Gradska bolnica za grudobolne, Bezanijska Kosa - Upravnik:
prim. dr Ljubisa Ilic.

(PYRIZAMIDE) (TUBERCULOSIS, PULMONARY)
(LIVER DISEASES)

VRANJICAN, Dalimil, dr ing.; JEZIC, Zdravko, ing.

Influence of inert organic solvents on the preparation of
melamine from dicyandiamide. Kem ind 10 no.7:190-191 J1 '61.

1. Kemijska industrijska zajednica, Zagreb.

VRANJICAN, D.

(2)
Hydrogenation of fatty acids to alcohols. I. Brihts and D. Vran-
jican (Kem. Industr., Zagreb, 1953, 2, 34-40).—Items treated are:
the thermodynamical relations; a survey of recent investigations
and patents; commercial processes; uses of higher fatty alcohols;
prices of raw materials and products; and problems of production
in Yugoslavia. O. POTTER.

11-8-54
md

VRANJICAN, D

U

Copper hydrogenation catalysts I. Brihta, D. Vranjican, and D. Pezic (Inst. Ind. Research, Zagreb, Yugoslavia). *Arhiv Kem* 25, 121-4 (1953) (English summary).--Cu chromite catalysts become inactivated in catalytic hydrogenations, and this was assumed to be due to a reduction of CuO to Cu_2O and later Cu . Expts. were made (I) with a base-activated Cu chromite catalyst according to Adkins, (II) with a catalyst $\text{Cu}_2\text{O}:\text{CaO}:\text{Cr}_2\text{O}_3 \approx 10:10:6$, and (III) with a Raney Cu catalyst. All 3 catalysts were used to hydrogenate Et oleate to octadecanol (IV), and the same results were obtained by using either 17% I, 18% II, or 8% III, the obtained IV having in each case a sapon. value of 0, an iodine value of 0, an acetyl value of 175-185, a m.p. (after recrystn. from acetone) of 55-56° if the expts. were started at 100-135 atm and the temp. raised to 200-230° for 2.5-3.5 hrs., during which time the pressure rose to 200 atm. This shows that the older ideas about catalyst inactivation are untenable, and this is corroborated by thermodynamic considerations: (1) $\text{CuO} + \text{H}_2 = \text{Cu} + \text{H}_2\text{O}$, $-30.800 + 10.747 \text{ kcal}$; (2) $2\text{CuO} + \text{H}_2 = \text{Cu}_2\text{O} + \text{H}_2\text{O}$, $-34.300 + 11.271 \text{ kcal}$; (3) $\text{Cu}_2\text{O} + \text{H}_2 = 2\text{Cu} + \text{H}_2\text{O}$, $-27.300 + 22.471 \text{ kcal}$. Reaction (2) thus is most favored, and reaction (3) is the least favored one. Therefore the inactivation of the Cu chromite catalyst is due to the formation of Cu_2O in coarse crystals, which then are difficult to reduce or to disperse. Werner Jacobson

82

2

VRANKA, Jiri

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Doctor of Veterinary Medicine

Affiliation: Vyskov

Source: Prague, Veterinarstvi, Vol XI, No 7, 1961, pages 252-254.

Data: "Experiences With the Investigation of Sterility in Boars."

GPO 981643

CZECHOSLOVAKIA

VRANKA, Jiri, MVDr.; POKORNY, Zdenek; NEJEZCHLEBA, Jaroslav, MVDr, CSc.

Brno (for all)

Brno, Veterinarstvi, No 3 [March] 1967, pp 131-132

"Minimum veterinarians bag for calls."

VRANKA, J.

- Prague, Veterinarny, Vol III, No 4, April 62
Copyright 1962
1. "Law on the Veterinary Care," Vasilav KODRA, MDR/Doc-
tor of Veterinary Medicine, C.Sc. (Candidate of Science),
Prague, 1957-1960.
 2. "Immunization of calves with a modified virus of Japanese
Disease," Vasilav KODRA, M.D. vet. (Veterinarian),
Prague, 1961-1962.
 3. "Prevention of Diseases in Fish in the Large-Scale Pro-
duction Plant for Grass-Carps," Prof. Vasilav KODRA, MDR,
Dr. Sc. (Doctor of Science), Brno, 1962-1963.
 4. "Metamorphosis of Farm Animals," Miroslav BARTIK, C.
Sc., Dr. Locust, Kocelov, 1964-1967.
 5. "Season Collection from Horses, Practical Remarks," Jiri
VALCHA, MDR, Vyskov, 1968-1971.
 6. "Regularity in Obstetrical Care as a Reason for Abortus
or Obstetric Complications," J. VICEK, MDR, Brno,
pp 112-113.
 7. "Importance of Biological Control of Infection," Zde-
nek DUREK, MDR, Svitavy, 1961 pp 114-117.
 8. "Hormones in Farm Technology," Alois VERNER, MDR,
Pelhřimov, p. 117.
 9. "Air-Conditioning in Delivery Rooms for Sows in the
Pelhřimov OKres," Alois VERNER, MDR, Pelhřimov,
pp 117-118.
 10. "Shooting Device in Poultry Slaughteries," Rudolf
VIMAN, MDR, Pilsen, 1961 pp 118-119.
 11. "Insurance Contract No. 0701," Vasilav KODRA, MDR, Pra-
gue, 1961 pp 119-122.
 12. "Veterinary Requirements for Mass Export from South
America," Vasilav KODRA, MDR, Jihlava, 1962-1963.
 13. "Kitchen-Salt Poisoning in Cattle," Josef TILGA, MDR,
and Zoltan RACZ, MDR, Mladá, 1962-1963.
 14. "Competition in the Veterinary Service to celebrate the
Twenty-Second Anniversary of the Communist Party of Czechoslovakia,"
pp 2 and 3 of cover.
 15. "Awarding the Title of the Brigade of Socialist Labor
in the Veterinary Research Institute CSAR (Neurolo-
gical Institute) in the Veterinary Research Institute CSAR (Neurolo-
gical Institute) in the Veterinary Research Institute CSAR (Neurolo-
gical Institute), Brno-Pelhřimov, pp 2 and 3 of cover.

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VRANOVA, B.; SMOLEKA, J.

Familial occurrence of congenital cases of Fanconi's anemia. Cesk.
pediat. 13 no.5:392-401 5 June 58.

1. Detske oddeleni KUNZ Ostrava V, prednostka MUDr. B. Vranova.
B.V., Praha XII; Pod Zvonarkou 12.
(ANEMIA, APIASTIC, in infant & child
Fanconi's synd., familial cases (Cz))

VRANOVA, Bozena, MUDr.

Case of gargoylism with Alder's anomalous granulation.
Cesk. pediat. 12 no.1:64-68 Jan 57.

1. Detske oddeleni KUNZ, Ostrava, prednosta Dr. B. Vranova.
(LIPOCHONDRODYSTROPHY, blood in
Alder's anomalous granulation of leukocytes (Cz))
(LEUKOCYTES
Alder's anomalous granulation in lipochondrodystrophy
(Cz))

VRANOVA, M.; HAMAL, K.

The anomalous behavior of the susceptibility of a ferrite in the region of the Suhl threshold. Chekhosl fiz zhurnal 14, no.5:376-377 '64.

1. Faculty of Technical and Nuclear Physics, Czech Higher School of Technology, Prague 1, Brehova 7.

VRANOVA, Miroslava; HAMAL, Karel

Measurement of some ferrite and garnet properties in the
Suhl threshold region. Cs cas fys 14 no.3:170-175 '64.

1. Faculty of Technical and Nuclear Physics, Czech
Higher School of Technology, Prague (for Hamal).
2. A.S. Popov Research Institute of Telecommunication,
Prague (for Vranova).

VRANOVA, Olga, promovany geolog

Results of the examination of the microtectonics of Slovak
magnesite deposits. Rudy 11 no.8:259-263 Ag '63.

1. Ustav pro vyzkum rud, Praha.

CURDA, Dusan, inz.; CURDOVA, Marie, inz.; VRANOVSKA, Jirina, inz.

Evaluating the properties of fruit juices. Prum potravin 13
no.3:159-162 Mr '62.

1. Vysoka skola chemickotechnologicka, katedra konzervarenske
technologie, Praha.

J. 27466-66 EWT(m)

ACC NR: AP6015120

(A)

SOURCE CODE: CZ/0060/66/000/002/0062/0065

AUTHOR: Vranovska, J.; Kalousova, V.; Pawel, O.

16
B

ORG: Veterinary Research Center, Prague (Veterinarni vyzkumne stredisko)

TITLE: Influence of radiation sickness on biochemical changes in tissue after death

SOURCE: Vojenske zdravotnicke listy, no. 2, 1966, 62-65

TOPIC TAGS: radiation sickness, food preservation, food storage, tissue biochemistry

ABSTRACT: Prompt killing of animals with radiation sickness may be necessary to avoid economic loss. The quality of meat, its preservation, and its suitability for processing were investigated. Pigs were subjected to 700 r radiation, and changes in pH, ammonia, and water content were observed at room temperature (about 20C) and under refrigeration. The aging process was faster in the meat of irradiated animals and spoilage occurred sooner than in the meat of control animals. The spoiling process started about 2 days sooner in the meat of irradiated pigs when stored at room temperature, and even less than 2 days earlier in the refrigerated meat. The length of preservation was indirectly proportional to the degree of acute radiation illness suffered by the animals whose meat was tested. Orig. art. has: 2 figures and 2 tables. [KS]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 007/ SOV REF: 003/

ATD PRESS: 4260

Card 1/1

BLG

UDC: 616-001.26/.28-091.8-091.1

2

Food Technology

Czechoslovakia

CZ/0060/66/000/002/0062/0065

AUTHOR: Vranovska, J.; Kalousova, V.; Pawel, O.

ORG: Veterinary Research Center, Prague (Veterinarni vyzkumne stredisko)

TITLE: Influence of radiation sickness on biochemical changes in tissue after death

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1/1

KALOUSOVA, V.; VRANOVSKA, J.; PAWEL, O.; Veterinary Research Center (Veterinarni Vyzkumne Stredisko), Prague.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961210013-7
radiated with Lethal Doses of Gamma-Radiation.

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 3, Jun 66, pp 112 - 117

Abstract: Influence of a dose of 700 r of gamma radiation on the metabolism of glycosides in the blood and in the muscle tissue of pigs was investigated. In pigs that received a lethal whole-body dose of irradiation, glycoside metabolism is disturbed; this results in the upset of the balance between glucose and lactic acid in the blood, and glycogen in the liver. The limitation of oxidative synthesis of lactic acid in the blood is caused probably by the lowered activity of liver phosphorylase. 4 Figures, 5 Tables, 19 Western, 2 Czech, 9 Russian references.

1/1

CZECHOSLOVAKIA

UDC 619.4-001.26/28-036.11

PAWEL, Otto; KALOUSOVA, Vilma; VRANOVSKA, Jirina; Veterinary Research Center
(Veterinarni Vyzkumne Stredisko), Prague.

"Clinical Course of Acute Radiation Sickness in Pigs."

Prague, Vojenske Zdravotnicke Listy, Vol. 35, No 6, Dec 66, pp 263-267

Abstract: The pigs were subjected to whole-body radiation with 450, 700, and 1000 r by gamma rays of Co⁶⁰. Radiation sickness with serious clinical aspects developed after radiation with 700 r. The maximum development of the clinical aspects of the disease appeared in the 2nd and 3rd week after radiation. This was also the period during which most of the animals died. The clinical aspect of the sickness was characterized mainly by a hemorrhagic diathesis, changes in body temperature, and loss of weight. 5 Figures, 2 Tables, 18 Western, 4 Russian, 1 Polish, 1 East German reference.

1/1

ERTL, Milan; ERTLOVA, Eva; LAC, Jan; VRANOVSKY, Marian

Bibliographic survey of the hydrofauna of the Czechoslovak section of the Danube during the year 1918-1958. In German. Biologia 16 no.1:57-73 '61. (EEAI 10:7)

1. Biologisches Institut der Slowakischen Akademie der Wissenschaften, Abteilung der Zoologie, Bratislava.
(DANUBE RIVER) (CZECHOSLOVAKIA--FRESH-WATER FAUNA)

L 59682-65

ACCESSION NR: AP5020536

CZ/0049/64/000/009/0675/0689

AUTHOR: Ertl, Milan (Graduate biologist, Candidate of sciences); Vranovsky, Marian
(Graduate biologist)

TITLE: Zooplankton of Poprad Mountain Lake

SOURCE: Biologia, no. 9, 1964, 675-689

TOPIC TAGS: biologic ecology, microbiology, surface water

ABSTRACT: There are only a limited number of species occurring in the lake. In pelagic waters it varied from 470/liter to 59/liter. The dominant organism throughout the year is Keratella hiemalis Carlin, which is most frequent at the time of the melting of the ice. Its proportion in the total number of organisms varied from 0.5 to 98.8%. In July 62, 105 organisms of Cyclops taticus Kozminski were found in 1 liter of water. Orig. art. has: 4 figures, 6 tables.

ASSOCIATION: Biologicky ustav Slovenskej akademie vied, Oddelenie hydrobiologie, Bratislava (Hydrobiology Department, Biological Institute of the Slovak Academy of Sciences)

SUBMITTED: 12Mar64

NR REF SOV: 001

Card 1/1

ENCL: 00

OTHER: 018

SUB CODE: LS, ES

JPRS

VRANOVSKY, Marian, prom.biol.

Contribution to the knowledge of *Microcyclops planus* (Gurney) (Crustacea, Copepoda) and its distribution. *Biologia* 16 no.3:161-172 '61.
(EEAI 10:9/10)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie zoologie,
Bratislava, Sienkiewiczova 1, Ceskoslovensko.

(COPEPODA)

VRANOVSKY, Marian

Notes on Polish hydrobiology. Biologia 15 no.3:221-225 '60. (EEAI 9:8)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie zoologie,
Bratislava.

(POLAND--HYDROBIOLOGY)

VRANSKY, Pavel; VYLETAL, Milan, inz.

Council of Mutual Economic Assistance and scientific and
technological cooperation. Letecký obzor 8 no.7:193 J1'64.

VRANOVSKY, P.

Workers of machine-tractor stations before the 2nd Congress of Cooperatives. p. 17.
MECHANISACE ZEMEDELSTVI. Vol. 5, No. 2, Jan. 1955

SO: Monthly East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.